

FIG. 1

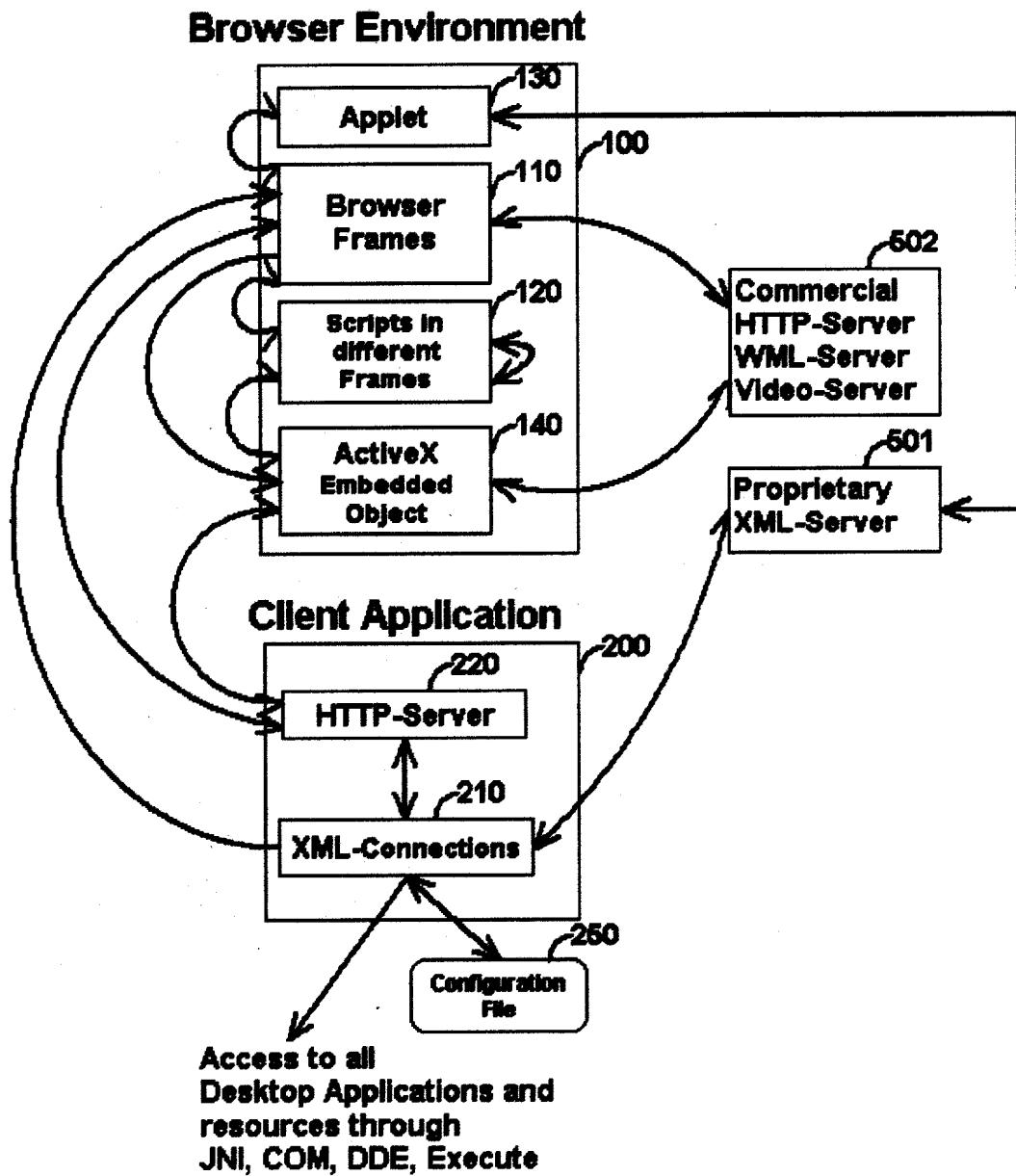
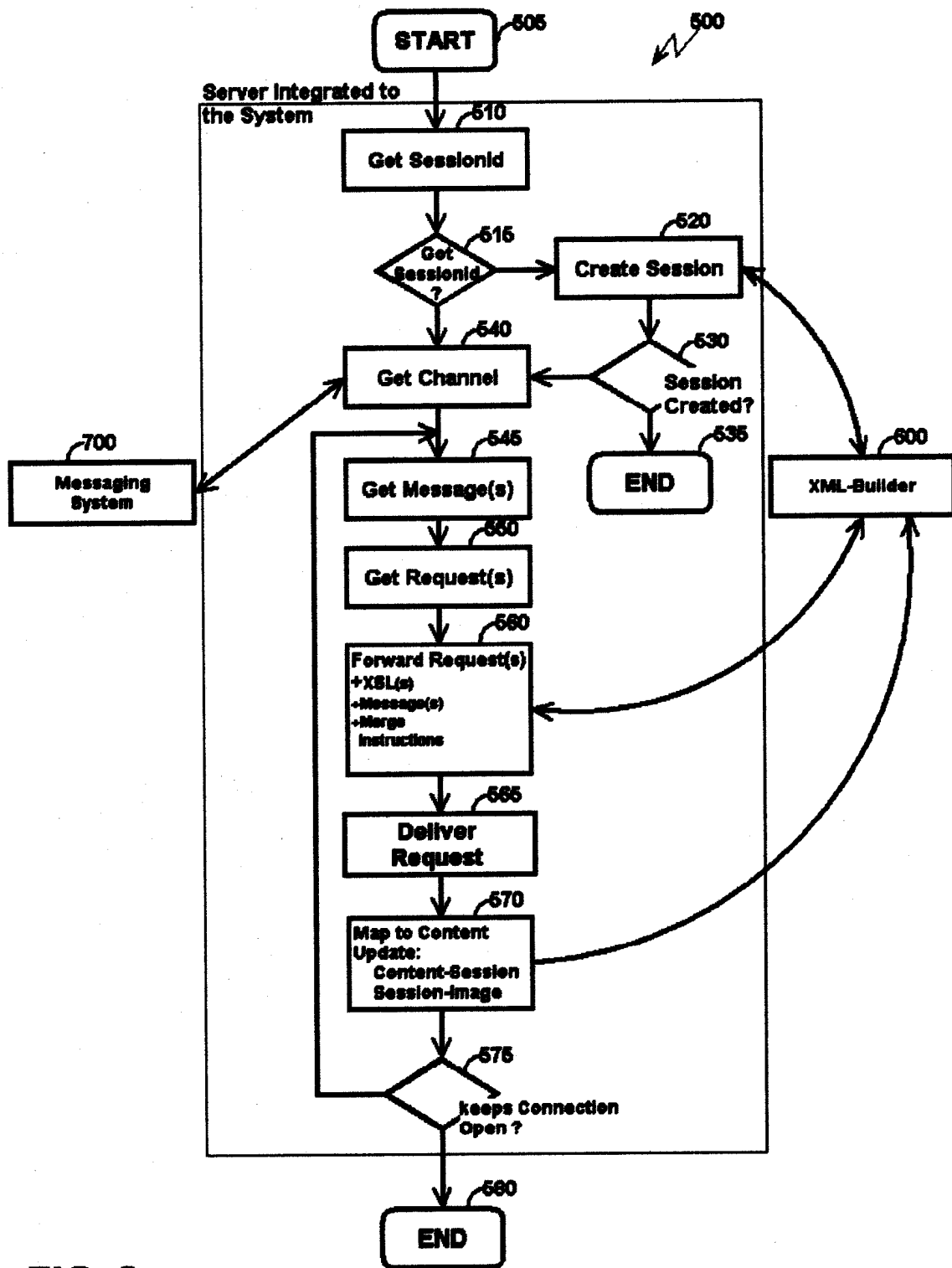


FIG. 2



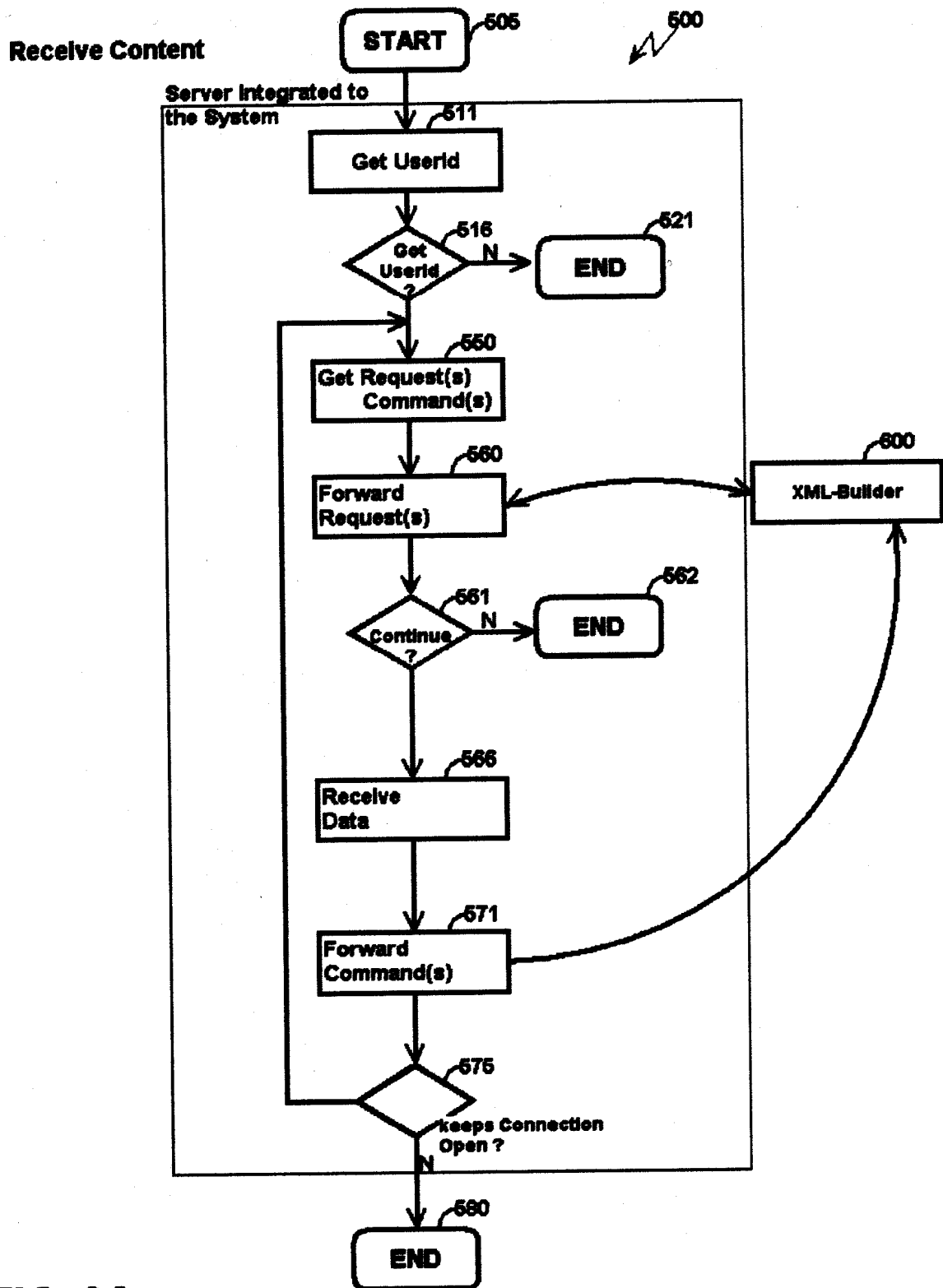


FIG. 3A

XML-Bullder

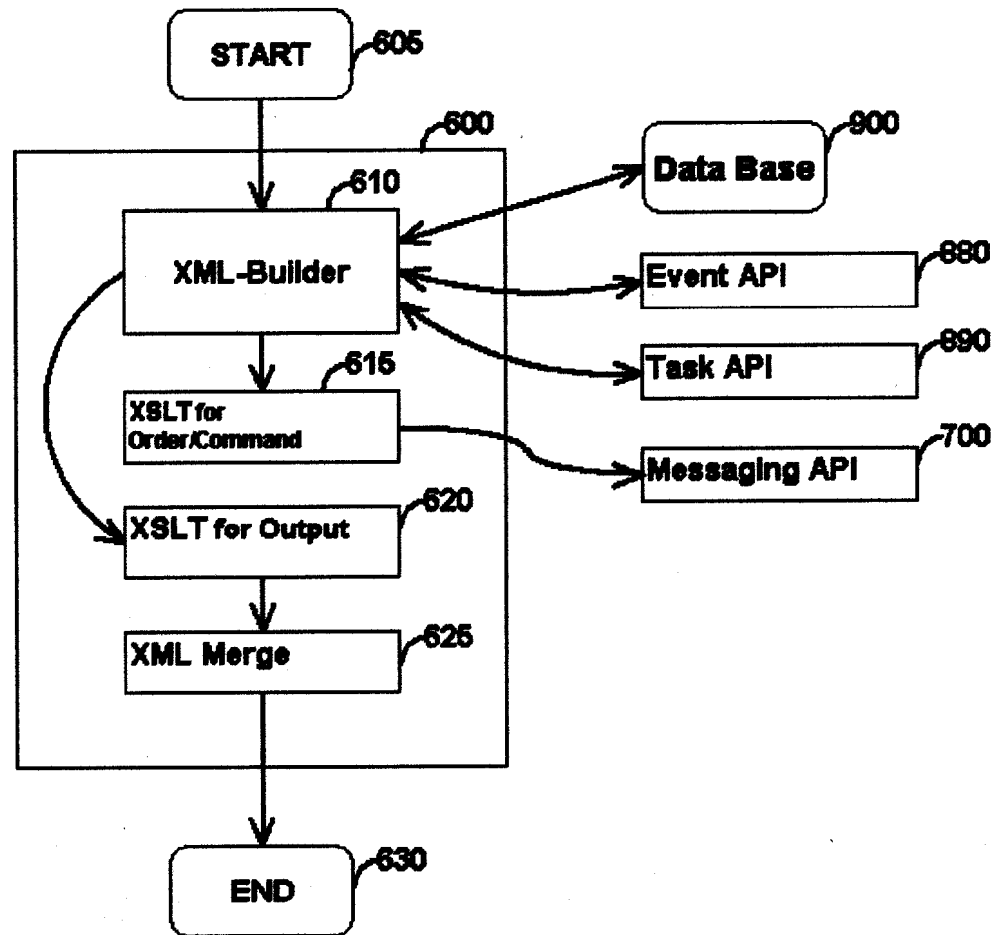


FIG. 4

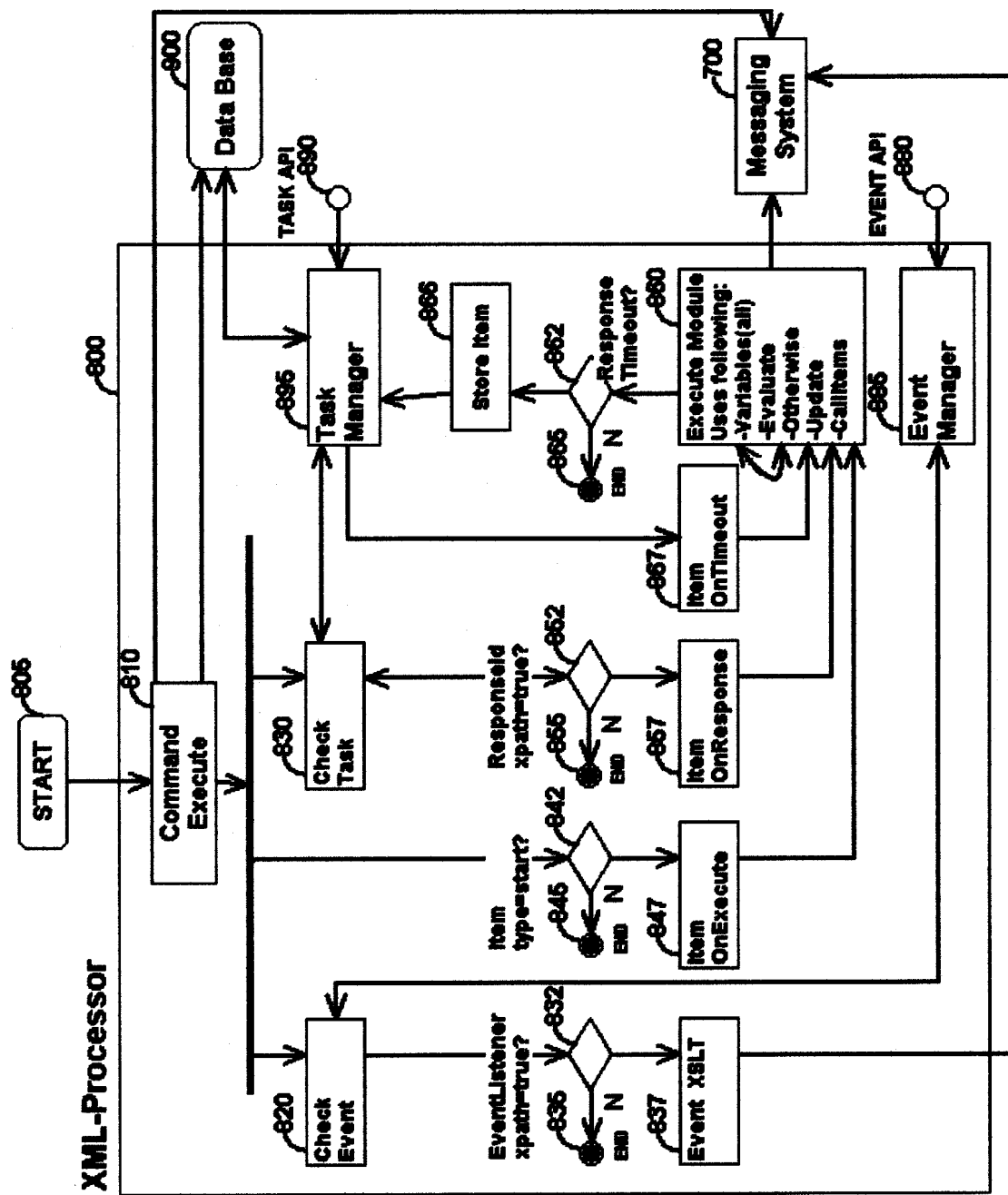


FIG. 5

```

<ELEMENT xmlns:InfoData (xmlns:Command, xmlns:Params, xmlns:Items)>
<ELEMENT xmlns:Command (#PCDATA)>
<ELEMENT xmlns:Params (?)>
<ELEMENT xmlns:Items (Listitem+)>
<ELEMENT xmlns:Listitem (#PCDATA)>
<ATTLIST xmlns:Listitem
  num CDATA #REQUIRED>
<ELEMENT xmlns:Order (xmlns:item+)>
<ATTLIST xmlns:Order
  id CDATA #IMPLIED>
<ELEMENT xmlns:item (xmlns:Variables?, xmlns:VariablesResponse?, xmlns:SendTopic?, xmlns:SendTransform?,
  xmlns:ResponseId?, xmlns:ResponseTimeout?, xmlns:OnExecute?, xmlns:OnResponse?,
  xmlns:OnResponseTimeout?, ANY)>
<ATTLIST xmlns:item
  id CDATA #REQUIRED
  type (start,?)>
<ELEMENT xmlns:Variables (xmlns:var?)>
<ELEMENT xmlns:VariablesResponse (xmlns:var?)>
<ELEMENT xmlns:var (#PCDATA)>
<ATTLIST xmlns:var
  name CDATA #REQUIRED
  type (int,text,nodetext,node)>
<ELEMENT xmlns:SendTopic (#PCDATA)>
<ELEMENT xmlns:SendTransform (#PCDATA)>
<ELEMENT xmlns:ResponseId (#PCDATA)>
<ELEMENT xmlns:ResponseTimeout (#PCDATA)>
<ELEMENT xmlns:OnExecute (((xmlns:Evaluate?))(Evaluate,Otherwise?)),Update?,CallItems?>
<ELEMENT xmlns:OnResponse (((xmlns:Evaluate?))(xmlns:Evaluate,xmlns:Otherwise?)),
  xmlns:Update?, xmlns:CallItems?>
<ELEMENT xmlns:OnResponseTimeout (((xmlns:Evaluate?))(xmlns:Evaluate,xmlns:Otherwise?)),
  xmlns:Update?, xmlns:CallItems?>
<ELEMENT xmlns:Evaluate (#PCDATA,((xmlns:Evaluate?))(xmlns:Evaluate,xmlns:Otherwise?)),
  xmlns:Update?, xmlns:CallItems?>
<ATTLIST xmlns:Evaluate
  type(lt,eq,gt);
  var CDATA #REQUIRED>
<ELEMENT xmlns:Otherwise (((xmlns:Evaluate?))(xmlns:Evaluate,xmlns:Otherwise?)),
  xmlns:Update?, xmlns:CallItems?>
<ELEMENT xmlns:CallItems (#PCDATA)>
<ELEMENT xmlns:Update (#PCDATA)>
<ATTLIST xmlns:Update
  var CDATA #REQUIRED
  type (Text,NodeText,int)>

```

FIG. 6 DTD for Orders and Commands XML

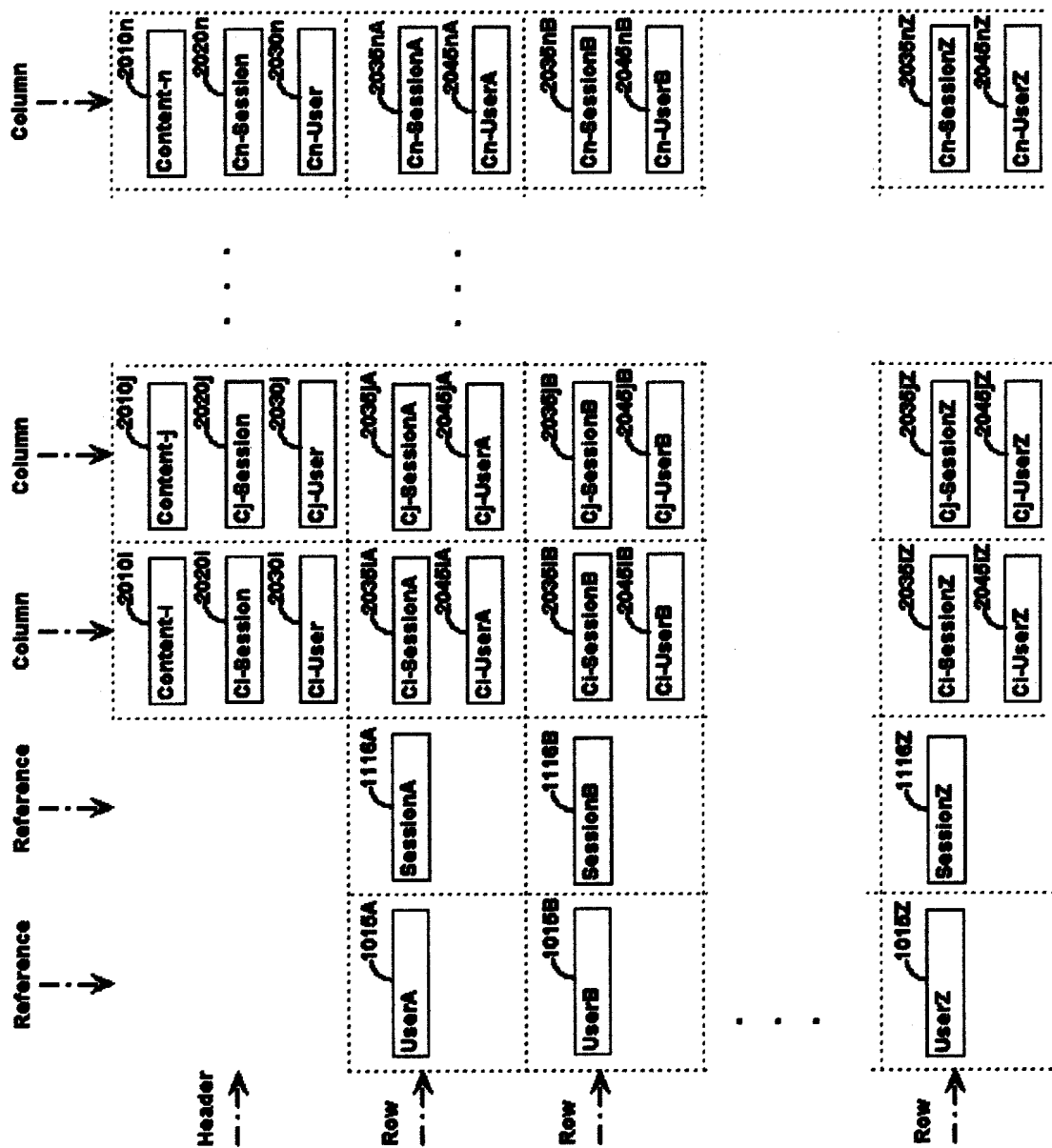


FIG. 7